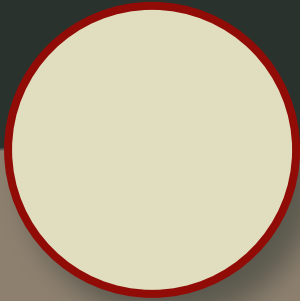


Intermediate Github/git



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Herramientas para la reproducibilidad del análisis científico

Curso del CSIC

April 05, 2022

Objectives

What we will do

- The basic workflow of Git (edit, add, commit)
- Synchronize your work online with Github
- Pull/push content from local repository from/to online repository
- Keep your files synchronized with your collaborators



A/myrepo



A



A/myrepo



Fork



B/myrepo



A



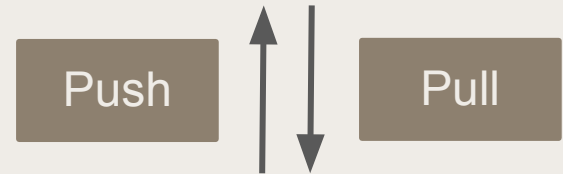
B



A/myrepo



B/myrepo



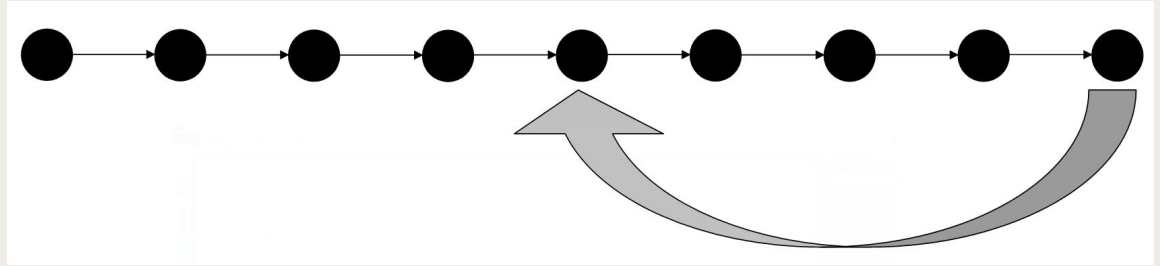
A



B

Linear progression of commits

It is easy to navigate back in time to any point

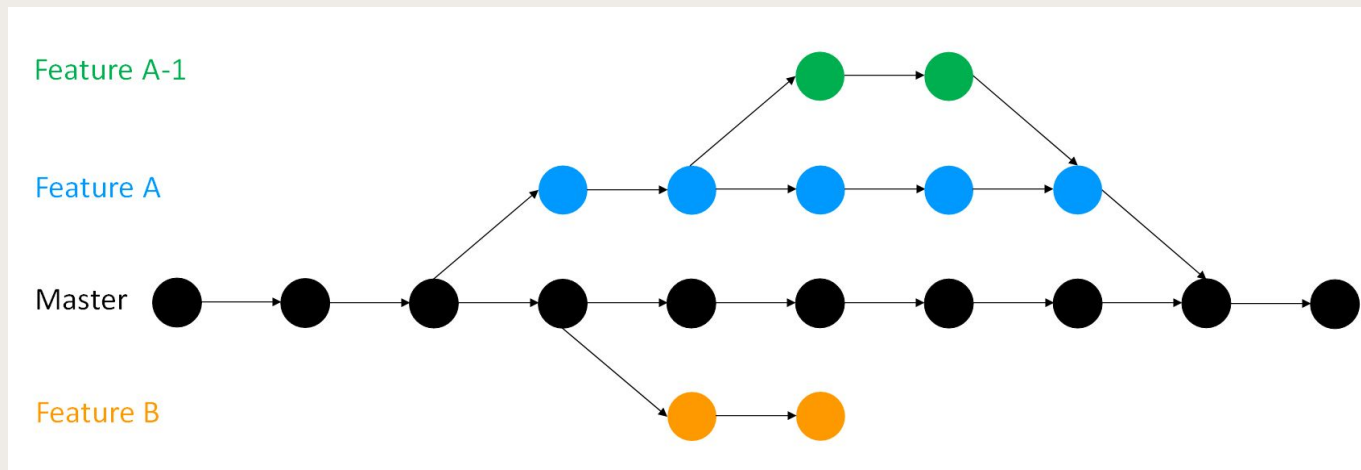


Git branches

Easy to collaborate

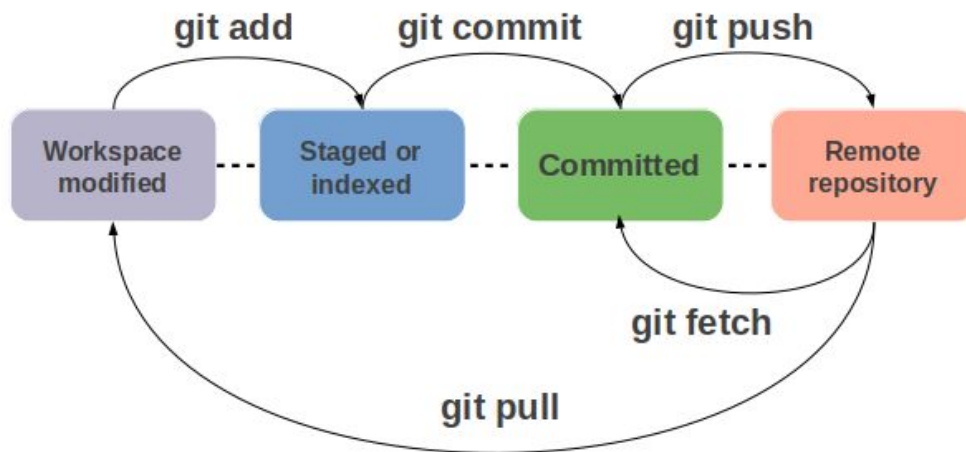
Check and verify
new content

Requires
pull/merge requests

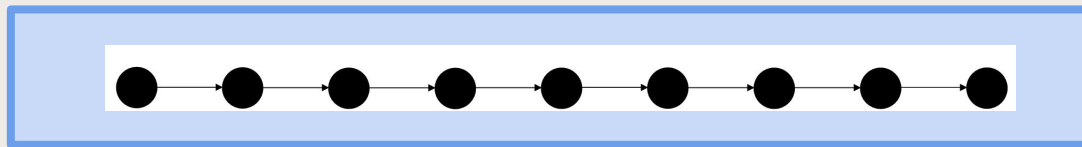


Basic git cycle

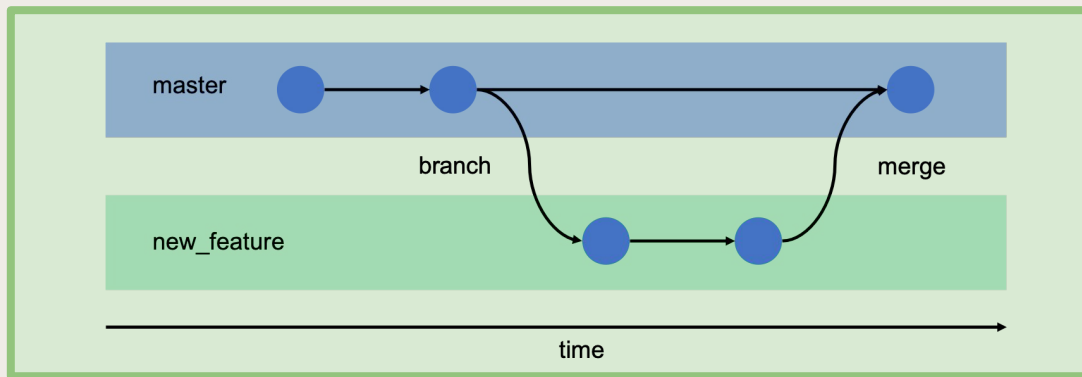
- It's the git life-cycle



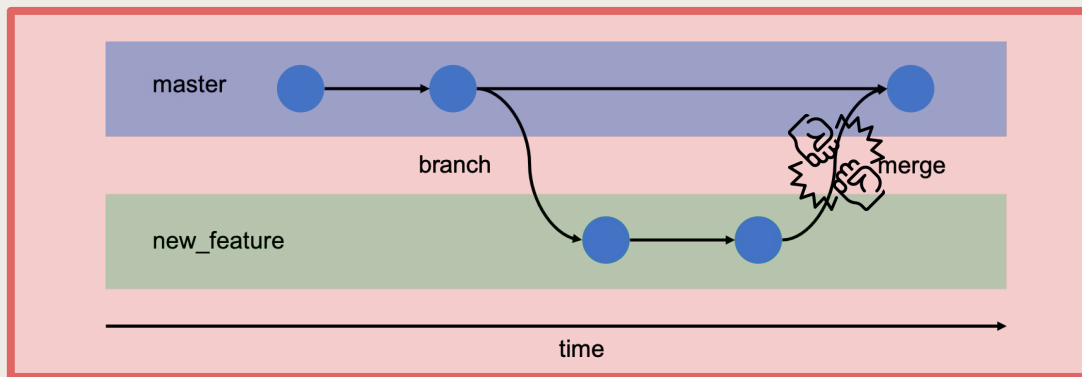
1



2



3



Resources

Some useful links

- [git - the simple guide](#)
- The Turing Way chapter on [version control](#). Very detailed book, check it out!
- [An Intro to Git and GitHub for Beginners](#)
- [Learn Git](#). This is a very nice resource.
- [NBIS - Introduction to Git](#)
- [Github Hello World](#) example
- The [Git Book](#). A very detailed guide of everything
- [Try Git](#). Very nice and funny interactive "Try me" resource.
- [Git for beginners: The definitive practical guide](#). Good quick reference for commands.
- [Learn git branching](#). Interactive practical examples
- [Google](#) (you will need it) and [stackoverflow](#).